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Commissioner of Patents
and Trademarks
Washington, D.C. 20231

RE: SN 07/313,911 "Method and Apparatus for Direct
Measurement of Hemoglobin Species in Whole
Blood"--Shepherd, et al. (UTHSC/SA:097)

Sir:

Transmitted herewith for filing is our Response to the Office
Action of April 3, 1990, and a return postcard to acknowledge
receipt of this document. Please stamp and mail this postcard.

Respectfully submitted,


David D. Bahler
Reg. No. 30,932

DDB:bp:02
Enclosures

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David D. Bahler

Name of applicant, assignee, or
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Signature

July 3, 1990

Date of Signature